

# Alessandra Rizzo T Unipa

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Handbook of Stemmataology Philipp Roelli 2020-09-07 Stemmataology studies aspects of textual criticism that use genealogical methods to analyse a set of copies of a text whose autograph has been lost. This handbook is the first to cover the entire field, encompassing both theoretical and practical aspects of traditional as well as modern digital methods and their history. As an art (ars), stemmataology's main goal is editing and thus presenting to the reader a historical text in the most satisfactory way. As a more abstract discipline (scientia), it is interested in the general principles of how texts change in the process of being copied. Thirty eight experts from all of the fields involved have joined forces to write this handbook, whose eight chapters cover material aspects of text traditions, the genesis and methods of traditional "Lachmannian" textual criticism and the objections raised against it, as well as modern digital methods used in the field. The two concluding chapters take a closer look at how this approach towards texts and textual criticism has developed in some disciplines of textual scholarship and compare methods used in other fields that deal with "descent with modification". The handbook thus serves as an introduction to this interdisciplinary field.

Theatre Translation in Performance Silvia Bigliuzzi 2013-04-02 This volume focuses on the highly debated topic of theatrical translation, one brought on by a renewed interest in the idea of performance and translation as a cooperative effort on the part of the translator, the director, and the actors. Exploring the role and function of the translator as co-subject of the performance, it addresses current issues concerning the role of the translator for the stage, as opposed to the one for the editorial market, within a multifarious cultural context. The current debate has shown a growing tendency to downplay and challenge the notion of translational accuracy in favor of a recreational and post-dramatic attitude, underlying the role of the director and playwright instead. This book discusses the delicate balance between translating and directing from an intercultural, semiotic, aesthetic, and interlingual perspective, taking a critical stance on approaches that

belittle translation for the theatre or equate it to an editorial practice focused on literality. Chapters emphasize the idea of dramatic translation as a particular and extremely challenging type of performance, while consistently exploring its various textual, intertextual, intertranslational, contextual, cultural, and intercultural facets. The notion of performance is applied to textual interpretation as performance, interlingual versus intersemiotic performance, and (inter)cultural performance in the adaptation of translated texts for the stage, providing a wide-ranging discussion from an international group of contributors, directors, and translators.

*Lyrics Alley* Leila Aboulela 2011-03-01 *Lyrics Alley* is the evocative story of an affluent Sudanese family shaken by the shifting powers in their country and the near-tragedy that threatens the legacy they've built for decades. In 1950's Sudan, the powerful Abuzeid dynasty has amassed a fortune through their trading firm. With Mahmoud Bey at its helm, they can do no wrong. But when Mahmoud's son, Nur, the brilliant, handsome heir to the business empire, suffers a debilitating accident, the family stands divided in the face of an uncertain future. As British rule nears its end, the country is torn between modernizing influences and the call of traditions past—a conflict reflected in the growing tensions between Mahmoud's two wives: the younger, Nabilah, longs to return to Egypt and escape "backward-looking" Sudan; while Waheeba lives traditionally behind veils and closed doors. It's not until Nur asserts himself outside the cultural limits of his parents that his own spirit and the frayed bonds of his family begin to mend. Moving from Sudanese alleys to cosmopolitan Cairo and a decimated postcolonial Britain, this sweeping tale of desire, loss, despair, and reconciliation is one of the most accomplished portraits ever written about Sudanese society at the time of independence.

*Hereditary Colorectal Cancer* Joji Utsunomiya 2013-11-27 Since the success in chemical induction of cancer in rabbit's ear skin by K. Yamagiwa in 1915, oncologists of the world have come to believe that they can only solve their problems by means of animal experimentation. The importance of environmental factors became

more evident in 1935 when T. Yoshida and T. Sasaki introduced azodye hepatocarcinogenesis in rats. In the domain of the gastrointestinal tract, T. Sugimura has more recently accumulated enough evidence to indicate that locally active chemical mutagens are carcinogenic. In contrast, principal approaches to colorectal tumors have been quite different: emphasis has been placed on gene identification. Long before cancer of the large bowel was recognized, importance of the roles of adenomatous coli and its familial occurrence attracted the attention of epidemiologists and geneticists. Morphological characterization and analysis of hereditary trends of human material have already had a long history, and recently detailed analysis of genetic material has become feasible in the wake of rapid development in our knowledge of the oncoviruses, oncogenes, suppressor genes, chromosomal and DNA mapping, molecular mutation and so on. It is true that in colorectal pathology, and in no other field, these areas of research have been explored more extensively and decisively. The identification of previously ill-defined lesions such as precancers and benign neoplasms have been improved because sequential changes can be observed in multiple samples spread over a wide area and followed up in due course.

**Annual Review of Cybertherapy and Telemedicine 2010** B. K. Wiederhold 2010 Advanced Technologies in Behavioral Social a. Healthcare systems around the world are moving towards a quantum shift in care delivery. As costs spiral ever higher, cybertherapy the provision of healthcare services using advanced technologies is poised to increase the efficiency and quality of health

The State of Architecture at the Beginning of the 21st Century Bernard Tschumi 2003 In March 2003, Bernard Tschumi convened forty of the world's leading architectural designers and theorists -- Elizabeth Diller, Peter Eisenman, Zaha Hadid, Steven Holl, Rem Koolhaas, Greg Lynn, Winy Maas, Thom Mayne, Ben van Berkel, Mark Wigley, Alejandro Zaera-Polo, and many others -- for a conference at Columbia University. The exceptional array was asked to predict the conversations and directions of architectural practice in the 21st century. Speakers addressed the categories of current architectural discourse -- form, aesthetics, material, detail, politics -- and questioned their future validity. Other topics included architects' obsession with the detail, the possibility of practicing a politics of material, the definition of an avant-garde urbanism, the importance of form beyond its aesthetic value, and whether architecture can directly influence the social world. *The State of Architecture* brings together manifestos, musings, and meditations to capture the key polemics raised by this extraordinary convocation of thinkers.

**Medicinal Plants and Foods** Gema Nieto 2020-11-20 Medicinal plants or medicinal herbs have been identified and used since ancient times to improve the sensory characteristics of food. The main compounds found in plants correspond to four major biochemical classes: Polyphenols, terpenes, glycosides and alkaloids. Plants

synthesize these compounds for a variety of purposes, including protection of the plant against fungi and bacteria, defense against insects and attraction of pollinators and dispersal agents to favor the dispersion of seeds and pollens.

*Comprehensive Geriatric Assessment* Alberto Pilotto 2017-12-29 This book offers an up-to-date review on the principles and practice of multidimensional assessment and management of the older individual, which represents the cornerstone of modern clinical practice in the elderly. The early chapters cover the main elements and scope of the comprehensive geriatric approach and explain the pathways of care from screening and case finding through to in-depth assessment and treatment planning. Subsequent chapters review the evidence of how best to apply the multidimensional assessment and management approach in defined healthcare settings and within specific clinical areas, such as cancer and surgery. Finally, the education and training challenges are reviewed and the prospects for future clinical service and research in this important field are examined. The book is very timely given the recent advances in application of this approach, which reflect the growing international realization that older people are "core business" in many clinical areas where the role of specialist geriatric medicine has hitherto been limited. Accordingly, the book will be relevant to a wide range of clinicians. The authorship comprises many of the best known and widely published experts in their respective fields.

**Translation or Transcreation? Discourses, Texts and Visuals** Cinzia Spinzi 2019-01-15 This wide-ranging collection brings together essays on a recent approach to translation known as transcreation. Together with new modes of translation, such as fansubbing, fandubbing, and crowdsourcing, transcreation has challenged the traditional structure of the translation market, the agency and ethics of the discipline, and encouraged new research in translation studies. A debate has emerged around the two concepts of translation and transcreation, mostly in terms of differences between the two practices and issues such as creativity, abusive translation and appropriation. Mainly applied to commercial translation, transcreation is now gaining momentum among translation scholars in broader areas of application, going beyond the early focus of promotional and advertising products where it was initially practised. In the specific context of this volume, transcreation is discussed in relation to a variety of textual and visual genres that range from poetry, prose, theatre, film and television to tourism and highly specialised legal texts.

**Destination Italy** Emma Bond 2015-03-26 Italy is one of the most recent migratory destinations in Europe, having long been one of the continent's most important sources of emigration. Due to its strategic position in the Mediterranean, the Italian peninsula is a crossroads of complex transnational movements and represents a unique and dynamic context for the study of contemporary migration and its representation through the

diverse channels of media, literature and film.<br> The product of a two-year interdisciplinary research project into representations of migration to Italy, this volume brings together scholarly contributions from the fields of migration studies, linguistics, media, literature and film studies as well as essays by practitioners and activists. It provides both a multi-faceted snapshot of how diverse representations of immigration capture experiences and affect decision-making dynamics and an in-depth study of how media, literature and cinema contribute to the public perception of migrants within the destination culture.

**The Visual Made Verbal** Joel Snyder 2020-10-25 Verbal descriptions of life have been around for centuries, but the digital age has made access to those descriptions even more important. Dr. Joel Snyder, an audio description pioneer, has created a book and website offering the first overview of the field, including its history, application to a range of genres, description of training techniques, and list of resources. Audio description brings the visual world to life, making theater productions, television shows, films, visual art and events accessible to people who are blind or have low vision. Describers employ succinct, vivid, imaginative words to convey visual images those with sight take for granted. Although countries worldwide have taken up the cause, the United States has fallen short on research and institutions to study the field. Dr. Snyder's book helps fill in some of those gaps. "For decades, Joel Snyder has combined his astonishing command of language with his keen attention to detail to create word pictures that stir the mind's eye, especially for patrons of the arts whose physical eyes cannot see. [...] His book has been long-awaited, and no doubt will become the standard for prospective audio describers around the world." -Kelsey Marshall, Founding Director of Accessibility, The John F. Kennedy Center for the Performing Arts, Washington, DC Dr. Joel Snyder is known internationally as one of the world's first "audio describers," a pioneer in the field of audio description, making theater events, museum exhibitions, and media accessible to people who are blind or have low vision. Since 1981, he has introduced audio description techniques in 36 states and D.C. and in 35 countries. He holds a PhD in accessibility audio description from the Universitat Autònoma de Barcelona. Dr. Snyder's company, Audio Description Associates, LLC ([www.audiodescribe.com](http://www.audiodescribe.com)) uses audio description to enhance a wide range of arts projects including video and film, museum exhibitions, and live events. As Director of Described Media for the National Captioning Institute, he supervised the production of descriptions for Sesame Street and dozens of feature films and nationally broadcast television; his descriptions can be heard at Smithsonian Institution exhibits, the Getty Museum, the Albright-Knox Gallery, and throughout the country at National Park Service visitor centers. As Director of the American Council of the Blind's Audio Description Project ([www.acb.org/adp](http://www.acb.org/adp)), Dr. Snyder voiced description for network coverage of President Obama's inauguration in 2009 and 2013, and recently produced the first-ever audio-described tour of The White House.

The ADP website is the nation's principal provider of information and resources on audio description.

*Arnold Bennett, David Herbert Lawrence, Giovanni Verga. Transitional Realism, Translation and Dialect*

Alessandra Rizzo 2012

*Advanced Materials for the Conservation of Stone* Majid Hosseini 2018-01-22 This book identifies novel advanced materials that can be utilized as protective agents for the preservation of stone. The innovative solutions to stone conservation presented here result in increased sustainability, reduced environmental impact, and increased social and economic benefits. It provides an overview of recent trends and progress in advanced materials applied to stone protection. It also explores the scientific principles behind these advanced materials and discusses their applications to different types of stone preservation efforts. Essential information as well as knowledge on the availability and applicability of advanced nanostructured materials is also provided, with focus placed on the practical aspects of stone protection. The book highlights an interdisciplinary effort regarding novel applications of nanostructured materials in the advancement of stone protection. It provides insight towards forthcoming developments in the field. Advanced nanostructured materials are designed and developed with the aim of being chemically, physically, and mechanically compatible with stone. Advanced materials for stone conservation that are characterized by several functional properties are considered in this book. These include the physico-chemical, protective, and morphological properties, eco-toxicity, and mechanisms of degradation. The authors present a thorough overview of cutting-edge discoveries, detailed information on recent technological developments, breakthroughs in novel nanomaterials, utilization strategies for applications in cultural heritage, and the current status and future outlook of the topic to address a wide range of scientific communities.

**The Translator** Leila Aboulela 2007-12-01 A New York Times Notable Book: "Aboulela's lovely, brief story encompasses worlds of melancholy and gulfs between cultures" (Kirkus Reviews, starred review). American readers were introduced to the award-winning Sudanese author Leila Aboulela with *Minaret*, a delicate tale of a privileged young African Muslim woman adjusting to her new life as a maid in London. Now, for the first time in North America, we step back to her extraordinarily assured debut about a widowed Muslim mother living in Aberdeen who falls in love with a Scottish secular academic. Sammar is a Sudanese widow working as an Arabic translator at a Scottish university. Since the sudden death of her husband, her young son has gone to live with family in Khartoum, leaving Sammar alone in cold, gray Aberdeen, grieving and isolated. But when she begins to translate for Rae, a Scottish Islamic scholar, the two develop a deep friendship that awakens in Sammar all the longing for life she has repressed. As Rae and Sammar fall in love, she knows they will have to address his lack of faith in all that Sammar holds sacred. An exquisitely crafted meditation on

love, both human and divine, The Translator is ultimately the story of one woman's courage to stay true to her beliefs, herself, and her newfound love. "A story of love and faith all the more moving for the restraint with which it is written." —J. M. Coetzee

*Translating Dissent* Mona Baker 2015-10-30 \*Written by the winners of the Intranews Linguists of the Year award for 2016!\* Discursive and non-discursive interventions in the political arena are heavily mediated by various acts of translation that enable protest movements to connect across the globe. Focusing on the Egyptian experience since 2011, this volume brings together a unique group of activists who are able to reflect on the complexities, challenges and limitations of one or more forms of translation and its impact on their ability to interact with a variety of domestic and global audiences. Drawing on a wide range of genres and modalities, from documentary film and subtitling to oral narratives, webcomics and street art, the 18 essays reveal the dynamics and complexities of translation in protest movements across the world. Each unique contribution demonstrates some aspect of the interdependence of these movements and their inevitable reliance on translation to create networks of solidarity. The volume is framed by a substantial introduction by Mona Baker and includes an interview with Egyptian activist and film-maker, Philip Rizk. With contributions by scholars and artists, professionals and activists directly involved in the Egyptian revolution and other movements, *Translating Dissent* will be of interest to students of translation, intercultural studies and sociology, as well as the reader interested in the study of social and political movements. Online materials, including links to relevant websites and videos, are available at <http://www.routledge.com/cw/baker>. Additional resources for Translation and Interpreting Studies are available on the Routledge Translation Studies Portal: <http://cw.routledge.com/textbooks/translationstudies>.

*The Language of Art and Cultural Heritage* Ana Pano Alamán 2020-03-04 Communicating art and cultural heritage has become a crucial and challenging task, since these sectors, together with tourism heritage, represent a key economic resource worldwide. In order to activate this economic and social potential, art and cultural heritage need to be disseminated through effective communicative strategies. Adopting a wide variety of digital humanities approaches and a plurilingual perspective, the essays gathered in this book provide an extensive and up-to-date overview of digital linguistic resources and research methods that will contribute to the design and implementation of such strategies. Cultural and artistic content curators, specialised translators in the fields of art, architecture, tourism and web documentaries, researchers in art history and tourism communication, and cultural heritage management professionals, among others, will find this book extremely useful due to its provision of some concrete applications of innovative methods and tools for the study and dissemination of art and heritage knowledge.

**Stakeholder Engagement and Sustainability** S.M.Riad Shams 2019-11-20 This cross-disciplinary business book develops insight into the management of businesses operating in various economic sectors that take a proactive approach to the triple dimension of sustainability (economic, social and environmental), positioning itself as a key reference for both academics and practitioners in the wide area of business management. The concept of sustainability is today at the heart of international policies and debate, and plays a key role in deep changes to the organizational models of companies operating in a wide range of sectors of economic activity. In particular, this book aims to gain a deeper understanding of how stakeholder engagement can contribute to value co-creation both in the company and along the supply chain, and what distinguishes the differing involvement of stakeholders, in particular between public involvement and stakeholder participation. Each chapter of this book presents different modalities of stakeholder involvement and develops the concept of value co-creation from organizational and marketing perspectives. This book is recommended reading for those interested in the fields of stakeholder engagement and theory, sustainability, business studies, and sustainable development.

**Wellbeing at Work** Cary Cooper 2019 Improve employee engagement and retention, reduce staff absence and avoid presenteeism by implementing an effective wellbeing strategy.

*Media for All* Pilar Orero 2007-01 This book, a first in its kind, offers a survey of the present state of affairs in media accessibility research and practice. It focuses on professional practices which are relative newcomers within the field of audiovisual translation and media studies, namely, audio description for the blind and visually impaired, sign language, and subtitling for the deaf and the hard-of-hearing for television, DVD, cinema, internet and live performances. Thanks to the work of lobbying groups and the introduction of legislation in some countries, media accessibility is an area that has recently gained marked visibility in our society. It has begun to appear in university curricula across Europe, and is the topic of numerous specialised conferences. The target readership of this book is first and foremost the growing number of academics involved in audiovisual translation at universities ? researchers, teachers and students ? but it is also of interest to the ever-expanding pool of practitioners and translators, who may wish to improve their crafts. The collection also addresses media scholars, members of deaf and blind associations, TV channels, and cinema or theatre managements who have embarked on the task of making their programmes and venues accessible to the visually and hearing impaired. Table of contents Acknowledgements Jorge DIAZ CINTAS, Pilar ORERO, Aline REMAEL: Media for all: a global challenge Section 1: Subtitling for the deaf and hard-of-hearing (SDH) Aline REMAEL: Sampling subtitling for the deaf and the hard-of-hearing in Europe Clive MILLER: Access symbols for use with video content and information and communications technology devices Christopher

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Variations in Specialized Genres Vijay K. Bhatia 2015-09-16 The book is an edited volume of carefully selected articles by eminent scholars focusing on the specialist knowledge transmission through genre variation, particularly on the issues of standardization and hybridity. The main focus was to analyse discursive popularization in the contexts and domains of natural sciences, law, and commerce, viewed in a diachronic perspective. The scholars involved have concentrated their studies on the creative transformation, hybridization, and even bending of genres used to popularise scientific, legal and commercial discourse for different communicative purposes and audiences, thus extending the conventional genre boundaries to disseminate specialized knowledge. The proliferation of specialized knowledge has indeed created a growing need to convey expert knowledge to a variety of addressees, with different levels of shared understanding and expertise. Such disciplinary knowledge can only be conveyed through various subtle manipulations of generic conventions keeping in mind the aims, the users, the media, the social contexts, and the domain with which specific knowledge is associated.

Games and Learning Alliance Iza Marfisi-Schottman 2020-12-02 This book constitutes the refereed proceedings of the 9th International Conference on Games and Learning Alliance, GALA 2020, held in Laval, France, in December 2020. The 35 full papers and 10 short papers were carefully reviewed and selected from 77 submissions. The papers cover a broad spectrum of topics: Serious Game Design; Serious Game Analytics; Virtual and Mixed Reality Applications; Gamification Theory; Gamification Applications; Serious Games for Instruction; and Serious Game Applications and Studies.

Applications in Electronics Pervading Industry, Environment and Society Sergio Saponara 2021-06-04 This book features the manuscripts accepted for the Special Issue “Applications in Electronics Pervading Industry,

Environment and Society—Sensing Systems and Pervasive Intelligence” of the MDPI journal *Sensors*. Most of the papers come from a selection of the best papers of the 2019 edition of the “Applications in Electronics Pervading Industry, Environment and Society” (APPLEPIES) Conference, which was held in November 2019. All these papers have been significantly enhanced with novel experimental results. The papers give an overview of the trends in research and development activities concerning the pervasive application of electronics in industry, the environment, and society. The focus of these papers is on cyber physical systems (CPS), with research proposals for new sensor acquisition and ADC (analog to digital converter) methods, high-speed communication systems, cybersecurity, big data management, and data processing including emerging machine learning techniques. Physical implementation aspects are discussed as well as the trade-off found between functional performance and hardware/system costs.

Reviews in Computational Chemistry Kenny B. Lipkowitz 2010-09-23 This volume, like those prior to it, features chapters by experts in various fields of computational chemistry. Volume 27 covers brittle fracture, molecular detailed simulations of lipid bilayers, semiclassical bohmian dynamics, dissipative particle dynamics, trajectory-based rare event simulations, and understanding metal/metal electrical contact conductance from the atomic to continuum scales. Also included is a chapter on career opportunities in computational chemistry and an appendix listing the e-mail addresses of more than 2500 people in that discipline. FROM REVIEWS OF THE SERIES "Reviews in Computational Chemistry remains the most valuable reference to methods and techniques in computational chemistry." —JOURNAL OF MOLECULAR GRAPHICS AND MODELLING "One cannot generally do better than to try to find an appropriate article in the highly successful Reviews in Computational Chemistry. The basic philosophy of the editors seems to be to help the authors produce chapters that are complete, accurate, clear, and accessible to experimentalists (in particular) and other nonspecialists (in general)." —JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

Energy and Seismic Renovation Strategies for Sustainable Cities Giuseppe Margani 2019-06-11 The principle of sustainability should be strictly connected with safety, since both aim to conserve resources: in the case of sustainability, the resources are typically thought of as environmental, while in the case of safety, the resources are basically human. In spite of this common ground, discussions on sustainability usually give insufficient attention to safety. In the last years the EU has made large investments to increase the energy efficiency of the existing building stock, paving the way for a low-carbon future; however, less effort has been made to enhance its seismic resilience. Therefore, the safety and, consequently, the sustainability of towns situated in earthquake-prone countries remain inadequate. In such countries, energy renovation actions should be combined with seismic retrofitting. However, a number of barriers considerably limit the real

possibility of extensively undertaking combined retrofit actions, especially for multi-owner housing and high-rise buildings. These barriers are of different kinds: technical (e.g., unfeasibility and/or ineffectiveness of conventional retrofit solutions), financial (e.g., high renovation costs, insufficient incentives/subsidies), organizational (e.g., occupants' disruption and relocation, renovation consensus by condominium ownerships), and cultural/social (insufficient information and skills, lack of adequate policy measures for promoting renovation actions). This book aims to overcome these barriers and to bridge the gap between sustainability and safety, so to conserve both human and environmental resources.

*Who is Who in Thermal Analysis and Calorimetry* Imre Miklós Szilágyi 2014-11-18 This is an expanded and revised second edition, presenting accurate and comprehensive information about our leading thermal scientists to current and future generations. In our globalized world, most researchers in thermal analysis do not know each other in person and are not familiar with each other's achievements. This volume provides the reader with an up-to-date list of the prominent members in this community. The publication contains only living scientists. The selection is based partly on several decades of the editors' personal professional experience and also partly on the opinion of the Regional Editors of the Journal of Thermal Analysis and Calorimetry.

**Life Cycle Sustainability Assessment (LCSA)** Subramanian Senthilkannan Muthu

**The Interplay of Microbiome and Immune Response in Health and Diseases** Gwendolyn Barceló-Coblijn 2019-11-06 [Increasing evidence suggests that microbiota and especially the gut microbiota (the microbes inhabiting the gut including bacteria, archaea, viruses, and fungi) plays a key role in human physiology and pathology. Recent findings indicate how dysbiosis—an imbalance in the composition and organization of microbial populations—could severely impact the development of different medical conditions (from metabolic to mood disorders), providing new insights into the comprehension of diverse diseases, such as IBD, obesity, asthma, autism, stroke, diabetes, and cancer. Given that microbial cells in the gut outnumber host cells, microbiota influences human physiology both functionally and structurally. Microbial metabolites bridge various—even distant—areas of the organism by way of the immune and hormone system. For instance, it is now clear that the mutual interaction between the gastrointestinal tract and the brain (gut–brain axis), often involves gut microbiota, indicating that the crosstalk between the organism and its microbial residents represents a fundamental aspect of both the establishment and maintenance of healthy conditions. Moreover, it is crucial to recognize that beyond the intestinal tract, microbiota populates other host organs and tissues (e.g., skin and oral mucosa). We have edited this eBook with the aim of publishing manuscripts focusing on the impact of microbiota in the development of different diseases and their associated treatments.]

*Popularisation and the Media* Christopher Williams 2014

**Medicinal and Aromatic Plants of the World** Ákos Máthé 2015-09-30 Medicinal and aromatic plants (MAPs) have accompanied mankind from its very early beginnings. Their utilization has co-evolved with homo sapiens itself bringing about a profound increase in our scientific knowledge of these species enabling them to be used in many facets of our life (e.g. pharmaceutical products, feed- and food additives, cosmetics, etc.).

Remarkably, despite the new renaissance of MAPs usage, ca. 80 % of the world's population is relying on natural substances of plant origin, with most of these botanicals sourced from the wild state. This first volume and ultimately the series, provides readers with a wealth of information on medicinal and aromatic plants.

**The Lightning Flash** G. V. Cooray 2003 This unique book provides the reader with a thorough background in almost every aspect of lightning and its impact on electrical and electronic equipment. The contents range from basic discharge processes in air through transient electromagnetic field generation and interaction with overhead lines and underground cables, to lightning protection and testing techniques. This book is of value to anyone designing, installing or commissioning equipment which needs to be secured against lightning strikes, as well as being a sound introduction to research students working in the field.

**Management of Gender Dysphoria** Carlo Trombetta 2015-03-03 This book is especially focused on the surgical aspect on Gender Dysphoria. Male to female surgery is widely discussed as well as the female to male conversion. Full information on hormone administration and surgical procedures are provided. Mental health issues are also described, as well as ethics, the law and psychosocial issues. The text is extensively referenced and includes numerous photos, tables and figures to clearly illustrate information. Based on collaboration between international experts in transgender health, this book is an essential guide for health care professionals, educators, students, patients and patients' families concerning the psychological, hormonal, surgical and social support of transgender individuals.

**Precision Nutrition and Metabolic Syndrome Management** Alfredo Martinez 2018 Precision Nutrition and Metabolic Syndrome Management.

**The Cell Biology of Stem Cells** Eran Meshorer 2011-01-11 Stem cells have been gaining a lot of attention in recent years. Their unique potential to self-renew and differentiate has turned them into an attractive model for the study of basic biological questions such as cell division, replication, transcription, cell fate decisions, and more. With embryonic stem (ES) cells that can generate each cell type in the mammalian body and adult stem cells that are able to give rise to the cells within a given lineage, basic questions at different developmental stages can be addressed. Importantly, both adult and embryonic stem cells provide an excellent tool for cell therapy, making stem cell research ever more pertinent to regenerative medicine. As the title *The Cell Biology of Stem Cells* suggests, our book deals with multiple aspects of stem cell biology,

ranging from their basic molecular characteristics to the in vivo stem cell trafficking of adult stem cells and the adult stem-cell niche, and ends with a visit to regeneration and cell fate reprogramming. In the first chapter, “Early embryonic cell fate decisions in the mouse”, Amy Ralson and Yojiro Yamanaka describe the mechanisms that support early developmental decisions in the mouse pre-implantation embryo and the current understanding of the source of the most immature stem cell types, which includes ES cells, trophoblast stem (TS) cells and extraembryonic endoderm stem (XEN) cells.

**XXXIII SIMGBM Congress 2019 - Environmental And Industrial Microbiology** Sara Borin 2021-05-14

**Multiteam Systems** Stephen J. Zaccaro 2012-05-22 This book examines an emerging organizational form called the multi-team system (MTS). This type of aggregation is being increasingly adopted by organizations and agencies that need to respond to complex strategic problems. There has been increasing interest in MTSs over the last decade to the point where there is now a need to (a) describe these organizational forms more fully, (b) build conceptual frames that can guide research, and (c) begin developing tools to improve the study of MTSs. The purpose of this book is to respond to these needs. The book contains a series of chapters that expand prior conceptual frames of MTSs, defining in more detail the compositional and linkage attributes that characterize such units. The book also explores how such systems emerge and develop, as well as the methods for studying MTSs. The intent of the book is to establish and nurture a strong conceptual and methodological foundation that can guide research and practice with MTSs. Because the notion of MTSs cuts across multiple domains, this book will interest scholars in industrial/organizational psychology, organizational science, management and organizational theory, human factors, sociology, organization communications, and public administration.

**Urban Overheating - Progress on Mitigation Science and Engineering Applications** Michele Zinzi 2019-04-04

The combination of global warming and urban sprawl is the origin of the most hazardous climate change effect detected at urban level: Urban Heat Island, representing the urban overheating respect to the countryside surrounding the city. This book includes 18 papers representing the state of the art of detection, assessment mitigation and adaption to urban overheating. Advanced methods, strategies and technologies are here analyzed including relevant issues as: the role of urban materials and fabrics on urban climate and their potential mitigation, the impact of greenery and vegetation to reduce urban temperatures and improve the thermal comfort, the role the urban geometry in the air temperature rise, the use of satellite and ground

data to assess and quantify the urban overheating and develop mitigation solutions, calculation methods and application to predict and assess mitigation scenarios. The outcomes of the book are thus relevant for a wide multidisciplinary audience, including: environmental scientists and engineers, architect and urban planners, policy makers and students.

**Complementary Feeding 2000** This publication is a training resource that deals with the period prior to successful weaning when a child continues to receive breast milk but also needs increasing amounts of additional complementary foods to ensure healthy development. It is intended as a practical learning tool for all those responsible for the health and nutrition of young children, particularly health and nutrition workers, and their trainers.

**The Migrant Image** T. J. Demos 2013-03-04 The Migrant Image offers a sophisticated analysis of how refugee and exiled artists imagine a globalized world where borders are shifting, populations are forcibly removed from their homelands, and the gap separating the rich from the poor is growing.

**Oxidation and Antioxidants in Organic Chemistry and Biology** Evgeny T. Denisov 2005-03-29 Providing a comprehensive review of reactions of oxidation for different classes of organic compounds and polymers, and biological processes mediated by free radicals, Oxidation and Antioxidants in Organic Chemistry and Biology puts the data and bibliographical information you need into one easy-to-use resource. You will find up-to-date information about mechanisms of action of antioxidants, their reactivity, reactions of intermediates, synergism, and antioxidants with cyclic mechanism action. Supplying useful, quantitative data in tables that make the information easy to find, the authors highlight the peculiarities of mechanisms involved in the oxidation of hydrocarbons, polymers, and different organic compounds. The book provides tabulated values of strengths of C-H bonds of oxygen-containing compounds; of O-H bonds of hydroperoxides, alcohols, and acids; and of attacked antioxidant bonds. The authors collect and discuss over 3000 rate constants of different reactions of peroxy radicals in oxidation and co-oxidation. They describe a new semiempiric theory of reactivity of reactants in elementary oxidative steps and the algorithm of calculation of activation energies, rate constants, and geometrical parameters of the transition states of free radical reactions. After elucidating the chemistry and kinetics of antioxidant action, the book covers oxidative processes that occur in biological systems.

**Representational Tactics in Travel Writing and Translation** Paola Daniela Smecca 2005